Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 21 Sep 2022 until 23:59 on Thursday 22 Sep 2022

Forecast Issued on Tuesday 20 Sep 2022 at 14:35

Confidence: High for the general evolution. Lower for extent and distribution of cloud, and the timing of the weather front later in the week.

Headline for Wednesday 21 Sep 2022: A fine day with variable amounts of cloud and light winds.

Mountain weather hazards on Wednesday 21 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Cloudy	Cloudy	Light rain showers	Cloudy	Cloudy
Precipitation probability							
<05%	<05%	10%	<05%	20%	10%	10%	10%

Forecast for Wednesday 21 Sep 2022

Weather: A few clear spells with often large amounts of cloud to start Wednesday. A few mist patches may form in valleys for time, where more persistent cloud breaks occur. A bright morning is likely with some sunny spells but this might infill with a cloudier afternoon likely. Small chance of a shower, mainly in afternoon. Cloud might thicken after dusk as the front approaches, with a freshening breeze probable.

Chance of cloud-free hill tops above 600m: 70% becoming 90% or more during most hours of daylight.

Low cloud and visibility: Scattered possibly broken bases around 350m might affect some summits, especially around and just after the dawn period, before lifting and breaking during Wednesday morning. Visibility good or very good, but moderate possibly poor in any morning valley mist.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Wednesday 21 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/11 S	9/11 S	9/11 SW	14/18 SW	14/19 SW	14/19 SW	11/17 SW	14/21 SW	19/28 SW
300	4/6 SE	6/8 S	5/8 S	10/14 SW	11/16 SW	11/16 SW	8/14 S	9/16 SW	12/20 SW
Valley	4/6 E	3/8 SE	3/10 S	6/12 SW	8/16 SW	8/16 SW	5/13 SW	6/16 SW	7/20 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/10	11/9	9/7	11/8	12/9	13/10	12/10	11/9	10/6
300	13/12	13/12	11/10	13/11	15/13	16/14	15/14	14/12	12/10
Valley	12/12	12/12	11/11	14/13	16/14	16/15	15/14	13/12	12/10
Freezing Level*	2700m	2400m	2400m	2400m	2300m	2200m	2500m	2500m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Noticeably light winds, especially in valleys, where it will feel rather warm by afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 20 Sep 2022	0mm	8.8mm	12mm

Forecast for Thursday 22 Sep 2022

Weather: Wednesday morning is likely to be increasingly cloudy but remaining mostly fine with chance of a light shower. Thickening and lowering cloud bases bringing outbreaks of rain and drizzle for the afternoon and evening. Southwesterly winds also increasing. Perhaps turning drier after dusk.

Maximum wind: Southwesterly 30-35mph across summits.

Chance of cloud-free hill tops above 600m: 90% to start the day reducing to 20% or less in the afternoon and evening.

Low cloud and visibility: Broken to overcast bases around 400m mid-afternoon onwards shrouding summits. Good or very good visibility reducing moderate to poor in rain and drizzle and very poor across summits later.

Temperature: **Valleys:** Plus 7 degrees Celsius around dawn rising to Plus 16 degrees Celsius in afternoon.
At 600m: Plus 8 degrees Celsius around dawn rising to Plus 14 degrees Celsius in afternoon
Freezing level: Well above summits.

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